

$$W = 500 \left(\frac{LN}{N-1} + 12N + 36 \right)$$

except that two consecutive sets of tandem axles may carry a gross load of 34,000 pounds each if the overall distance between the first and last axle is 36 feet or more. In no case shall the total gross weight of a vehicle exceed 80,000 pounds.

(f) Except as provided herein, States may not enforce on the Interstate System vehicle weight limits of less than 20,000 pounds on a single axle, 34,000 pounds on a tandem axle, or the weights derived from the Bridge Formula, up to a maximum of 80,000 pounds, including all enforcement tolerances. States may not limit tire loads to less than 500 pounds per inch of tire or tread width, except that such limits may not be applied to tires on the steering axle. States may not limit steering axle weights to less than 20,000 pounds or the axle rating established by the manufacturer, whichever is lower.

(g) The weights in paragraphs (b), (c), (d), and (e) of this section shall be inclusive of all tolerances, enforcement or otherwise, with the exception of a scale allowance factor when using portable scales (wheel-load weighers). The current accuracy of such scales is generally within 2 or 3 percent of actual weight, but in no case shall an allowance in excess of 5 percent be applied. Penalty or fine schedules which impose no fine up to a specified threshold, i.e., 1,000 pounds, will be considered as tolerance provisions not authorized by 23 U.S.C. 127.

(h) States may issue special permits without regard to the axle, gross, or Federal Bridge Formula requirements for nondivisible vehicles or loads.

(i) The provisions of paragraphs (b), (c), and (d) of this section shall not apply to single-, or tandem-axle weights, or gross weights legally authorized under State law on July 1, 1956. The group of axles requirement established in this section shall not apply to vehicles legally grandfathered under State groups of axles tables or formulas on January 4, 1975. Grandfathered weight limits are vested on

the date specified by Congress and remain available to a State even if it chooses to adopt a lower weight limit for a time.

(j) The provisions of paragraphs (c) through (e) of this section shall not apply to the operation on Interstate Route 68 in Allegany and Garrett Counties, Maryland, of any specialized vehicle equipped with a steering axle and a tridem axle and used for hauling coal, logs, and pulpwood if such vehicle is of a type of vehicle as was operating in such counties on U.S. Routes 40 or 48 for such purposes on August 1, 1991.

(k) Any vehicle which is regularly and exclusively used as an intrastate public agency transit passenger bus is excluded from the axle weight limits in paragraphs (c) through (e) of this section until October 1, 2003.

(l) The provisions of paragraphs (b) through (e) of this section shall not apply to the operation, on the 104 mile portion of I-39 between I-90/94 near Portage, Wisconsin, and Wisconsin State Route 29 south of Wausau, Wisconsin, of any vehicle that could legally operate on this highway section before November 28, 1995.

(m) The provisions of paragraphs (b) through (e) of this section shall not apply to the operation, on I-99 between Bedford and Bald Eagle, Pennsylvania, of any vehicle that could legally operate on this highway section before December 29, 1995.

[49 FR 23315, June 5, 1984, as amended at 59 FR 30420, June 13, 1994; 60 FR 15214, Mar. 22, 1995; 62 FR 10181, Mar. 5, 1997; 63 FR 70653, Dec. 22, 1998]

§ 658.19 Reasonable access.

(a) No State may enact or enforce any law denying reasonable access to vehicles with dimensions authorized by the STAA between the NN and terminals and facilities for food, fuel, repairs, and rest. In addition, no State may enact or enforce any law denying reasonable access between the NN and points of loading and unloading to

household goods carriers, motor carriers of passengers, and any truck tractor-semitrailer combination in which the semitrailer has a length not to exceed 28 feet (28.5 feet where allowed pursuant to § 658.13(b)(5) of this part) and which generally operates as part of a vehicle combination described in §§ 658.13(b)(5) and 658.15(a) of this part.

(b) All States shall make available to commercial motor vehicle operators information regarding their reasonable access provisions to and from the National Network.

(c) Nothing in this section shall be construed as preventing any State or local government from imposing any reasonable restriction, based on safety considerations, on access to points of loading and unloading by any truck tractor-semitrailer combination in which the semitrailer has a length not to exceed 28½ feet and which generally operates as part of a vehicle combination described in §§ 658.13(b)(5) and 658.15(a).

(d) No State may enact or enforce any law denying access within 1 road-mile from the National Network using the most reasonable and practicable route available except for specific safety reasons on individual routes.

(e) Approval of access for specific vehicles on any individual route applies to all vehicles of the same type regardless of ownership. Distinctions between vehicle types shall be based only on significant, substantial differences in their operating characteristics.

(f) Blanket restrictions on 102-inch wide vehicles may not be imposed.

(g) Vehicle dimension limits shall not be more restrictive than Federal requirements.

(h) States shall ensure compliance with the requirements of this section for roads under the jurisdiction of local units of government.

(i)(1) Except in those States in which State law authorizes the operation of STAA-dimensioned vehicles on all public roads and highways, all States shall have an access review process that provides for the review of requests for access from the National Network.

(2) State access review processes shall provide for:

(i) One or more of the following:

(A) An analysis of the proposed access routes using observations or other data obtained from the operation of test vehicles over the routes;

(B) An analysis of the proposed access routes by application of vehicle templates to plans of the routes;

(C) A general provision for allowing access, without requiring a request, for commercial motor vehicles with semitrailers with a kingpin distance of 41 feet or less (measured from the kingpin to the center of the rear axle, if single, or the center of a group of rear axles). State safety analyses may be conducted on individual routes if warranted; and

(ii) All of the following:

(A) The denial of access to terminals and services only on the basis of safety and engineering analysis of the access route.

(B) The automatic approval of an access request if not acted upon within 90 days of receipt by the State. This provision shall become effective no later than 12 months following the effective date of this rule unless an extension is requested by the State and approved by FHWA.

(C) The denial of access for any 102-inch wide vehicles only on the basis of the characteristics of specific routes, in particular significant deficiencies in lane width.

(j)(1) Each State shall submit its access provisions to FHWA for approval within 6 months after June 1, 1990. In those States in which State law authorizes the operation of STAA-dimensioned vehicles on all public roads and highways, no submission or approval under this paragraph is required. If, in the future, such a State changes its authorizing legislation and restricts the operation of STAA-dimensioned vehicles, then compliance with these provisions will be necessary.

(2) The FHWA will review the access provisions as submitted by each State subject to the provisions in paragraph (j)(1) and approve those that are in compliance with the requirements of this section. The FHWA may, at a State's request, approve State provisions that differ from the requirements of this section if FHWA determines that they provide reasonable access for STAA-dimensioned vehicles and do not

impose an unreasonable burden on motor freight carriers, shippers and receivers and service facility operators.

(3) Any State that does not have FHWA approved access provisions in effect within 1 year after June 1, 1990 shall follow the requirements and the criteria set forth in this section and section 658.5 and 658.19 for determining access for STAA-dimensioned vehicles to terminals and services. The FHWA may approve a State's request for a time extension if it is received by FHWA at least 1 month before the end of the 1 year period.

[53 FR 12149, Apr. 13, 1988, as amended at 55 FR 22763, June 1, 1990; 59 FR 30420, June 13, 1994]

§ 658.21 Identification of National Network.

(a) To identify the National Network, a State may sign the routes or provide maps of lists of highways describing the National Network.

(b) Exceptional local conditions on the National Network shall be signed. All signs shall conform to the Manual on Uniform Traffic Control Devices. Exceptional conditions shall include but not be limited to:

(1) Operational restrictions designed to maximize the efficiency of the total traffic flow, such as time of day prohibitions, or lane use controls.

(2) Geometric and structural restrictions, such as vertical clearances, posted weight limits on bridges, or restrictions caused by construction operations.

(3) Detours from urban Interstate routes to bypass of circumferential routes for commercial motor vehicles not destined for the urban area to be bypassed.

§ 658.23 LCV freeze; cargo-carrying unit freeze.

(a)(1) Except as otherwise provided in this section and except for tow trucks with vehicles in tow, a State may allow the operation of LCV's on the Interstate System only as listed in appendix C to this part.

(2) Except as otherwise provided in this section, a State may not allow the operation on the NN of any CMV combination with two or more cargo-carrying units (not including the truck

tractor) whose cargo-carrying units exceed:

(i) The maximum combination trailer, semitrailer, or other type of length limitation authorized by State law or regulation of that State on or before June 1, 1991; or

(ii) The length of the cargo-carrying units of those CMV combinations, by specific configuration, in actual, lawful operation on a regular or periodic basis (including continuing seasonal operation) in that State on or before June 1, 1991, as listed in appendix C to this part.

(b) Notwithstanding paragraph (a)(2) of this section, the following CMV combinations with two or more cargo-carrying units may operate on the NN.

(1) Truck tractor-semitrailer-trailer and truck tractor-semitrailer-semitrailer combinations with a maximum length of the individual cargo units of 28.5 feet or less.

(2) Vehicles described in § 658.13(e) and (g).

(3) Truck-trailer and truck-semitrailer combinations with an overall length of 65 feet or less.

(4) Maxi-cubes.

(5) Tow trucks with vehicles in tow.

(c) For specific safety purposes and road construction, a State may make minor adjustments of a temporary and emergency nature to route designations and vehicle operating restrictions applicable to combinations subject to 23 U.S.C. 127(d) and 49 U.S.C. 31112 and in effect on June 1, 1991 (July 6, 1991, for Alaska). Adjustments which last 30 days or less may be made without notifying the FHWA. Minor adjustments which exceed 30 days require approval of the FHWA. When such adjustments are needed, a State must submit to the Division Office of Motor Carriers, by the end of the 30th day, a written description of the emergency, the date on which it began, and the date on which it is expected to conclude. If the adjustment involves route designations, the State shall describe the new route on which vehicles otherwise subject to the freeze imposed by 23 U.S.C. 127(d) and 49 U.S.C. 31112 are allowed to operate. To the extent possible, the geometric and pavement design characteristics of the alternate route should be